## STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES AMENDED REPORT DIVISION OF OIL, GAS AND MINING  AMENDED REPORT																
APPLICATION FOR PERMIT TO DRILL										1. WELL NAME and NUMBER NBU 921-24G4CS						
2. TYPE OF WORK  DRILL NEW WELL  REENTER P&A WELL DEEPEN WELL									3. FIELD OR WILDCAT  NATURAL BUTTES							
4. TYPE OF WELL  Gas Well Coalbed Methane Well: NO										5. UNIT or COMMUNITIZATION AGREEMENT NAME NATURAL BUTTES						
6. NAME OF OPERATOR  KERR-MCGEE OIL & GAS ONSHORE, L.P.										7. OPERATOR PHONE 720 929-6515						
8. ADDRESS OF OPERATOR P.O. Box 173779, Denver, CO, 80217										9. OPERATOR E-MAIL julie.jacobson@anadarko.com						
	RAL LEASE NUM L, INDIAN, OR S			11. MINERAL OWNERSHIP					12. SURFACE OWNERSHIP							
		UTU 0149076  OWNER (if box 12 :	= 'fee'\	FEI	FEDERAL INDIAN STATE FEE					FEDERAL INDIAN ( STATE ) FEE ( )  14. SURFACE OWNER PHONE (if box 12 = 'fee')						
		CE OWNER (if box	16. SURFACE OWNER E-MAIL (if box 12 = 'fee')													
IS. ADDR	ESS OF SURFA		19. SLANT													
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')					18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS											
		te Indian Tribe		YE	YES (Submit Commingling Application) NO					VERTICAL DIRECTIONAL ( HORIZONTAL )						
20. LOCATION OF WELL					OOTAGES		QTR-QTR		CTION	TOWNSHIP	RANGE		MERIDIAN			
LOCATION AT SURFACE 1667				7 FNL 21	FNL 2128 FEL		SWNE		24	9.0 S	21.0 E			S		
· · · ·					FNL 1826 FEL		SWNE		24	9.0 S	21.0 E		_	S		
					FNL 1826 FEL  22. DISTANCE TO NEAF		SWNE		24	9.0 S	21.0 E		S			
21. COUN	ITY		23. NUMBER OF ACRE	S IN DRI 64		т										
25. DISTANCE TO NEAREST W (Applied For Drilling or Com 8								POOL		<b>26. PROPOSED DEPTH</b> MD: 10959 TVD: 10814						
27. ELEVATION - GROUND LEVEL 4850					28. BOND NUMBER  WYB000291					29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8496						
_		4630														
String	Hole Size	Casing Size	Length	Weight		•	Max Mud Wt.			Cement	Sacks	Yield	Weight			
Surf	11	8.625	0 - 2800	28.0	J-55 LT	&C 0.		.2		Type V		180	1.15	15.8		
Prod	7.875	4.5	0 - 10959	11.6	11.6 HCP-110		LT&C 12		Prei	Class G mium Lite High Strength		340	3.38	15.8		
	7.070	1.0	0 10000	11.0	1101 110		12		1 101	50/50 Poz		1570	1.31	14.3		
ATTACHMENTS																
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES																
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER								COMPLETE DRILLING PLAN								
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)								FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
<b>☑</b> DII	DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)								TOPOGRAPHICAL MAP							
NAME Laura Abrams TITLE Regulatory Analyst II									PHONE 7	720 929-6356						
SIGNATURE					DATE 06/01/2012 EMA					IL Laura.Abrams@anadarko.com						
API NUMBER ASSIGNED 43047528410000					APPROVAL Perm					OLYNN nit Manager						

## T9S, R21E, S.L.B.&M. N89°44.9'W - 40.095 (G.L.O.) S89°58.8'W - 39.955 (G.L.O.) S89°59'55"W - 2637.05' (Meas.) N89°43'14"W - 2646.34' (Meas.) Found 2006 Found 2006 Found 2006 Aluminum Cap. Aluminum Cap. Aluminum Cap N00°00'11"W (Basis of Bearings) N0°08.1'W - 40.093 (G.L.O.) N00°06'26"W - 2646.12' (Meas. WELL LOCATION: NBU 921-24G4CS ELEV. UNGRADED GROUND = 4851.31 2128<sup>1</sup> Well Surface Position Bottom of 1826 Hole Found 2006 Found 2006 Aluminum Cap. Aluminum Cap NBU 921-24G4CS (Surface Position) NAD 83 LATITUDE = 40.024155° (40° 01' 26.958") V00°05'42"W - 2646 91' (Meas N00°05'03"W - 2640.77' (Meas. LONGITUDE = 109.498288° (109° 29' 53.838") N0°07.6'W - 40.104 (G.L.O.) N0°06.0'W - 40.011 (G.L.O.) NAD 27 LATITUDE = $40.024190^{\circ} (40^{\circ} 01' 27.084'')$ LONGITUDE = 109.497601° (109° 29' 51.365") NBU 921-24G4CS (Bottom Hole) NAD 83 LATITUDE = $40.021711^{\circ} (40^{\circ} 01' 18.160'')$ LONGITUDE = 109.497210° (109° 29' 49.957") NAD 27 LATITUDE = 40.021746° (40° 01' 18.287") LONGITUDE = 109.496524° (109° 29' 47.485" Found 2006 Found 2006 Found 1977 Aluminum Cap Aluminum Cap, Brass Cap. Pile under E/W Fence Pile of Stones of Stones. S89°48'41"W - 2636.93' (Meas.) N89°44'20"W - 2641.16' (Meas.) N89°45.6'W - 40.017 (G.L.O.) S89°47.1'W - 39.951 (G.L.O.) **NOTES:** = Section Corners Located 1. Well footages are measured at right angles to the SCALE Section Lines. 2. G.L.O. distances are shown in feet or chains. SURVEYOR'S CERTIFICATE 1 chain = 66 feet. 3. The Bottom of hole bears \$18°42'40"E 940.24' THIS IS TO CERTIFY THAT THE ABOVE PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MARKE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE from the Surface Position. 4. Bearings are based on Global Positioning Satellite AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. observations. 5. Basis of elevation is Tri-Sta "Two Water" located in the **\$**021**\$**-11 NW $\frac{1}{4}$ of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'. FESSIONAL AND EGISTRATION NO 6028691 Kerr-McGee Oil & Gas Onshore, LP STATE OF UTAFFORM 1099 18th Street - Denver, Colorado 80202 WELL PAD: NBU 921-24G (435) 789-1365 TIMBERLINE ENGINEERING & LAND SURVEYING, INC. NBU 921-24G4CS 209 NORTH 300 WEST - VERNAL, UTAH 84078 **WELL PLAT** DATE SURVEYED: 9-22-11 CONSULTING, LLC SHEET NO: SURVEYED BY: M.B. 2558' FNL, 1826' FEL (Bottom Hole) 2155 North Main Street DATE DRAWN: Sheridan WY 82801 DRAWN BY: T.J.R. SW $\frac{1}{4}$ NE $\frac{1}{4}$ OF SECTION 24, T9S, R21E, Phone 307-674-0609 Date Last Revised: S.L.B.&M., UINTAH COUNTY, UTAH. SCALE: 1" = 10001 4 OF 16 Fax 307-674-0182